



# 10095 - Hubble Heritage Observations of Deep Impact Target Comet Tempel-1

Cycle: 12, Proposal Category: GO/DD

(Availability Mode: SUPPORTED)

## INVESTIGATORS

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## VISITS

<i>Visit</i>	<i>Targets</i>	<i>Configurations</i>	<i>Orbits Used</i>	<i>Last Orbit Planner Run</i>	<i>OP Current with Visit?</i>
01	(1) COMET-TEMPEL-1-HERITAGE	ACS/WFC	1	18-Jul-2005 21:44:17.0	yes

1 Total Orbits Used

**ABSTRACT**

This proposal observes Comet Tempel-1 near the time of Deep Impact, using the ACS-WFC, in filters F435W (3x340 sec) and F625W (1x100 sec and 2 x 340 sec).

**OBSERVING DESCRIPTION**

This proposal observes Comet Tempel-1 near the time of Deep Impact, using the ACS-WFC, in filters F435W (3 x 340 sec) and F625W (1 x 100sec 2 x 340 sec).

Proposal 10095 - Visit 01 - Hubble Heritage Observations of Deep Impact Target Comet Tempel-1

Tue Jul 19 01:44:21 GMT 2005

<b>Visit</b>	<b>Proposal 10095, Visit 01</b> <b>Diagnostic Status: Warning</b> Scientific Instruments: ACS/WFC Special Requirements: SCHED 30%; BETWEEN 30-JUN-2005:00:00:00 AND 02-JUL-2005:00:00:00										
	<b>Diagnostics</b>	(Visit 01) Warning: VISIBILITY OVERRUN (Visit 01) Warning: GS ACQ SCENARIO REQUESTED INCONSISTENT WITH VISIT GYRO MODE									
<b>Patterns</b>		<b>#</b>	<b>Primary Pattern</b>				<b>Secondary Pattern</b>			<b>Exposures</b>	
	(1)	Pattern Type=ACS-WFC-DITHER- LINE Purpose=DITHER Number Of Points=3 Point Spacing=2.994 Line Spacing=				Coordinate Frame=POS-TARG Pattern Orientation=85.3 Angle Between Sides= Center Pattern=false			(1), (2)		
<b>Solar System Targets</b>	<b>#</b>	<b>Name</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Window</b>					
	(1)	COMET-TEMPEL-1-HERITAGE	TYPE=COMET,Q=1.506123796270703,E=0.517567550308086,I=10.52959823731397,O=68.94087646342231,W=178.8383777556605,T=05-JUL-2005:07:35:18,EQUINOX=J2000,EPOCH=11-MAR-2005:00:00:00,A1=5.2733E-10,A2=-2.206E-12,A3=1.7764E-10				Comments: Comet 9P/Tempel 1 is the target of the Deep Impact mission. The elements given below are from JPL#K052/7 which utilizes observations through 2005 May 06.				
<b>Exposures</b>	<b>#</b>	<b>Label</b>	<b>Target</b>	<b>Config,Mode,Aperture</b>	<b>Spectral Els.</b>	<b>Opt. Params.</b>	<b>Special Reqs.</b>	<b>Groups</b>	<b>Exp. Time/[Actual Dur.]</b>		<b>Orbit</b>
	1	F625W	(1) COMET-TEMPEL-1-HERITAGE	ACS/WFC, ACCUM, WFC	F625W	CR-SPLIT=NO	GS ACQ SCENARIO BASE13GO	Pattern 1-1 (1)	340.0 Secs		
									[==>100.0 Secs (Pattern 1)]		[1]
									[==>(Pattern 2)]		
								[==>(Pattern 3)]			
2	F435W	(1) COMET-TEMPEL-1-HERITAGE	ACS/WFC, ACCUM, WFC	F435W	CR-SPLIT=NO		Pattern 2-2 (1)	340.0 Secs			
								[==>(Pattern 1)]		[1]	
								[==>(Pattern 2)]			
								[==>(Pattern 3)]			

